

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	855	341/107	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:52
L2	3062	382/239	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:53
L3	1078	375/240.27	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:53
L4	7138	370/465	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:53
L5	11809	(1 or 2 or 3 or 4)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:54
L6	929	5 and (transform adj coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:55

## EAST Search History

L7	801	6 and quantiz\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:55
L8	5	7 and (energy adj distribution)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:56
L9	5	8 and (entropy adj2 (cod\$3 encod\$3))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2008/01/09 18:56
S1	3458	(dct absdct) with input	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:18
S2	1571	S1 same (quantiz\$3 digitiz\$3 (analog\$2 adj3 digital))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:22
S3	114	S2 same ((layering adj module) processor logic microprocessor)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/05 18:59
S4	2	S3 same (entropy adj2 cod\$3)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/05 19:29

## EAST Search History

S5	0	S4 and energy adj3 (level distribution)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/05 19:30
S6	1	S4 and energy	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/05 19:43
S7	2	group\$3 same (energy adj3 (level distribution)) and 382/239	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/06 16:44
S8	0	"5905813" and (multiple adj3 description)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/06 16:45
S9	0	"5905813" and (absolute adj transform)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/07 18:13
S10	0	"6094631" and (absolute adj transform)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/07 18:13
S11	0	(absolute adj transform) and ((multi adj2 domain) adj2 compression)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/07 18:15

## EAST Search History

S12	1	(absolute adj transform) and ((multi multiple)adj2 (domain description)) adj2 compression	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/01/07 18:17
S13	3133	(quantiz\$3 digitiz\$3 (analog\$2 adj3 digital)) same (quantization adj2 steps)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:23
S14	1	"5905813" and (quantization adj2 steps)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:44
S15	2	(requantiz\$3 (re adj quantiz\$3) (second adj quantizer)) with (reference adj2 step)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:50
S16	3	(requantiz\$3 (re adj quantiz\$3) (second adj quantizer)) same (reference adj2 step)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:50
S17	111	(requantiz\$3 (re adj quantiz\$3) (second adj quantizer)) same (quantization adj step)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:55
S18	9	S17 and 382/239	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 17:51

## EAST Search History

S19	7	(requantiz\$3 (re adj quantiz\$3) (second adj quantizer)) same (quantization adj step) same ((reference known predetermined previous) adj2 step)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 18:39
S20	242	(quantization adj step) with ((reference known previous predetermined) adj2 step)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/14 18:41
S21	41	S20 and 382/239	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 17:37
S22	42	((multiple many) adj2 (description format)) and (cod\$3 decod\$3)).ti.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 17:39
S23	14	S22 and ("382"/\$ "375"/\$)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 17:41
S24	4	S22 and ((re adj quantiz\$3) (second adj2 quantiz\$3))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 18:58
S25	0	S24 and (quantization adj2 (step width)) with ((reference known previous predetermined) adj2 (quantization adj2 (step width)))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 17:50

## EAST Search History

S26	0	S24 and (quantization adj2 (step width)) same ((reference known previous predetermined) adj2 (quantization adj2 (step width)))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 17:50
S27	2	"6256349" and (quantiz\$5 near3 (reference known predetermined previous))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/15 19:01
S28	42	((multiple many) adj2 (description format)) and (cod\$3 decod\$3)).ti.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 12:42
S29	4	S28 and ((re second) adj2 quantiz\$3)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 17:52
S30	7	(second adj2 (quantization adj2 step)) with scal\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 18:23
S31	1	S30 and (multiple adj2 (description format)).ti.	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 18:26
S32	1040	quantizer near4 decoder	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 20:06

## EAST Search History

S33	161	((re second) adj2 quantiz\$5) near5 decod\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 20:08
S34	34	S33 and "382"/\$	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/16 20:08
S35	161	((re second) adj2 quantiz\$5) near5 decod\$3	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2005/06/17 12:52
S36	1	"5905813" and energy	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/03 17:58
S37	1417	(dct (discrete adj2 transform)) and quantizer and energy	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/03 18:01
S38	419	S37 and layer\$1	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/04 13:07
S39	12	(transform adj2 coefficient\$1) near8 layers near8 (energy pixel)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/04 13:11

## EAST Search History

S40	1489	coefficient\$1 near10 (groups layers) near10 (energy pixel)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/04 13:12
S41	1477	S40 not S39	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/04 14:03
S42	480	(group\$3 near6 (energy level)) and (transform adj2 coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/04 14:05
S43	64	(group\$3 near6 energy) and (transform adj2 coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 17:23
S44	0	"20020122598" and entropy	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 17:24
S45	1	"20020122598" and dct	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:20



## EAST Search History

S46	799	341/107	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:20
S47	2466	341/50	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:20
S48	2597	341/51	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:20
S49	2809	382/239	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:20
S50	1066	382/170	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:21
S51	1446	709/247	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:21

## EAST Search History

S52	887	704/230	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:21
S53	771	704/229	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:21
S54	10300	(S44 or S45 or S46 or S47 or S48 or S49 or S50 or S51 or S52 or S53)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:22
S55	1057	S54 and (transform adj coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:23
S56	26	S55 and (energy adj2 (distribution level))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S57	3	S56 and layers	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/04/05 18:24

## EAST Search History

S58	11	(energy adj2 distribution) near5 (transform adj coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:00
S59	2	S58 and ((extract\$3 retriev\$3 us\$3) near5 layer\$1)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/09 19:59
S60	2	S58 and ((extract\$3 retriev\$3 us\$3) near5 (level\$1 layer\$1))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/09 20:00
S61	7	S58 and (layer\$1 level\$1)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/09 20:05
S62	2	"20050018774"	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 16:44
S63	11	(energy adj2 distribution) near5 (transform adj coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:00

## EAST Search History

S64	0	"20020122598" and entropy	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S65	1	"20020122598" and dct	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S66	823	341/107	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S67	2568	341/50	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S68	2686	341/51	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S69	2936	382/239	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01

## EAST Search History

S70	1106	382/170	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S71	1525	709/247	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S72	921	704/230	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S73	793	704/229	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S74	10723	(S64 or S65 or S66 or S67 or S68 or S69 or S70 or S71 or S72 or S73)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S75	1097	S74 and (transform adj coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01

## EAST Search History

S76	27	S75 and (energy adj2 (distribution level))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/08/13 17:01
S77	1	"20020099853" and (layer\$1 near5 (cod\$3 encod\$3 compress\$3))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 17:39
S78	0	"20020099853" and (entropy same layer\$1)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 17:40
S79	1	"20020099853" and ((cod\$3 encod\$3) near5 layer\$1)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 17:54
S80	611	(transform adj coefficients) and layer\$3 and (entropy adj cod\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 17:56
S81	101	S80 and hdtv	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 18:01

## EAST Search History

S82	42	S80 and (layer\$3 near4 (entropy adj (encod\$3 cod\$3)))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 18:50
S83	343	((bit adj rate) near3 (requirement condition)) and video and quantiz\$3	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/05 19:04
S84	0	("6480547andentropy").PN.	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	OFF	2007/09/06 13:12
S85	12	"6480547" and entropy	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 13:18
S86	2	"6480547" and (plurality adj2 layer\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:04
S87	0	"6480547" and (absolute adj dct)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:42

## EAST Search History

S88	830	341/107	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:42
S89	2959	382/239	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:42
S90	1115	382/170	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:42
S91	1552	709/247	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:42
S92	930	704/230	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:42
S93	801	704/229	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:43



## EAST Search History

S94	2601	341/50	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:43
S95	2702	341/51	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 18:43
S96	10834	(S88 S89 S90 S91 S92 S93 S94 S95)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 19:01
S97	9820	S96 and (cod\$3 encod\$3 compress\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 19:01
S98	1103	S97 and (transform adj coefficients)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 19:02
S99	977	S98 and (quantiz\$3 quantis\$3)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 19:03

## EAST Search History

S10 0	283	S99 and energy	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 19:03
S10 1	10	S99 and (energy adj2 distribution)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/06 19:03
S10 2	0	"7098886" and (gamma with reference)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:19
S10 3	0	"7098886" and (gamma same reference)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:20
S10 4	2	"7098886" and (gamma same (dac d/a (digital adj2 analog\$2)))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:23
S10 5	608	(gamma same (dac d/a (digital adj2 analog\$2))) same reference	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:24
S10 6	392	S105 and (lcd (liquid adj2 display))	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:25

## EAST Search History

S10 7	222	S106 and ((reference input signal) near3 select\$3)	US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:27
S10 8	194	S107 and ("345"/\$ "341"/\$)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:30
S10 9	39	S108 and (msb (most adj2 bit))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:31
S11 0	28	S109 and (lsb (least adj2 bit))	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 11:54
S11 1	13	S110 and ((adjust\$3 vary\$3 correct\$3 modify\$3) near3 output)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 12:00
S11 2	13	S110 and ((adjust\$3 vary\$3 correct\$3 modify\$3) near3 output)	US-PGPU B; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TDB	OR	ON	2007/09/07 12:01